

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/588, 043  
Source: IFWP  
Date Processed by STIC: 08/10/2006

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 08/10/2006

PATENT APPLICATION: US/10/588,043

TIME: 11:06:37

Input Set : A:\10457055.APP

Output Set: N:\CRF4\08102006\J588043.raw

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3 <110> APPLICANT: UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC.
5 <120> TITLE OF INVENTION: INCREASED STRESS TOLERANCE AND ENHANCED YIELD IN PLANTS
7 <130> FILE REFERENCE: 10457-055PCT
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/588,043
C--> 10 <141> CURRENT FILING DATE: 2006-08-01
12 <150> PRIOR APPLICATION NUMBER: 60/554,041
13 <151> PRIOR FILING DATE: 2004-03-17
15 <160> NUMBER OF SEQ ID NOS: 6
17 <170> SOFTWARE: PatentIn Ver. 3.3
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20 <211> LENGTH: 381
21 <212> TYPE: DNA
22 <213> ORGANISM: Escherichia coli
24 <400> SEQUENCE: 1
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26 cactatgaag gttcttgccg cattgaccag gattttcttg acgcagccgg tattctcgaa 120
27 aacgaagcca ttgatattct gaatgtcacc aacggcaagc gtttctccac ttatgccatc 180
28 gcggcagaac gcggttcgag aattatttct gttaacggtg cggcggccca ctgcgccagt 240
29 gtgcggcata ttgtcatcat cgccagcttc gttaccatgc cagatgaaga agctcgcacc 300
30 tggcgaccca acgtcgccta ttttgaaggc gacaatgaaa tgaaacgtac cgcgaaagcg 360
31 attccggtac aggttgcttg a 381
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35 <211> LENGTH: 126
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37 <213> ORGANISM: Escherichia coli
39 <400> SEQUENCE: 2
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41 1 5 10 15
43 His Ala Asp Leu His Tyr Glu Gly Ser Cys Ala Ile Asp Gln Asp Phe
44 20 25 30
46 Leu Asp Ala Ala Gly Ile Leu Glu Asn Glu Ala Ile Asp Ile Trp Asn
47 35 40 45
49 Val Thr Asn Gly Lys Arg Phe Ser Thr Tyr Ala Ile Ala Ala Glu Arg
50 50 55 60
52 Gly Ser Arg Ile Ile Ser Val Asn Gly Ala Ala His Cys Ala Ser
53 65 70 75 80
55 Val Gly Asp Ile Val Ile Ile Ala Ser Phe Val Thr Met Pro Asp Glu
56 85 90 95
58 Glu Ala Arg Thr Trp Arg Pro Asn Val Ala Tyr Phe Glu Gly Asp Asn
59 100 105 110
61 Glu Met Lys Arg Thr Ala Lys Ala Ile Pro Val Gln Val Ala
62 115 120 125
65 <210> SEQ ID NO: 3

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66 <211> LENGTH: 27
67 <212> TYPE: DNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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81 <213> ORGANISM: Artificial Sequence
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84 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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87 <400> SEQUENCE: 4
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107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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113 <400> SEQUENCE: 6
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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/588,043

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L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

- L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date